(Rev. 6/93)	07 - 1	14-2000	Patent and Trademark Office
OMB No. 0651-0011			
To the l Please г			Ç <b>S</b>
	. 00	Name: Scroll Technologies  Internal Address: Patent Depart	ive, Clark County Industrial Park  ansas Zip: 71923
4. Application number(s) or patent number(s):	0/596	104	
4. Application number(s) or patent number(s).  If this document is being filed together with a new	•		
A. Patent Application No.(s)	B.	Patent No(s).	
Additional numbers attached	: Ye	s <u>X</u> No	
5. Name and address of party to whom corresponder document should be mailed:	ace concerning	6. Total no. of applica patents involved	tions and one one
Name: Theodore W. Olds, Howard & Howard Attorneys	<del></del>		
Internal Address: The Pinehurst Office Center, Suite 101			
39400 North Woodward			
Street Address: Same As Above	<del></del>		
City Disease and Mills Contain Minhigan 7 in 48	R304_5151		
City: Bloomfield Hills State: Michigan Zip: 48	3304-5151	7. Total fee (37 CFR	3.41) \$40.00
		<u>X</u>	Enclosed Authorized to be charged to deposit account
		8. Deposit account nur 08-2789	nber:
		(Attach duplicate copy of	of this page if paying by deposit account)
07 13/2000 ASCUTT 00000162 09596104 40.00 OP	DQ NOT US	E THIS SPACE	
9. Statement and signature. To the best of mykolowle copy of the original document.	edge and belief, t	he foregoing information is true o	and correct and any attached copy is a true
copy of the original accument.	7		
Theodore W. Olds, Reg. No. 33,080  Name of Person Signing	Signature	<u>Jun</u> Dat	e 16, 2000 e
Total number of page	s including cover	sheet, attachments and document	: 8

## **ASSIGNMENT** (Joint Inventors)

WHEREAS, We, James W. Bush, Carlos Zamudio, Zili Sun, Jason Hugenroth, Greg Hahn, Thomas Barito, Joe T. Hill and John R. Williams, (hereinafter referred to as Assignors), residing respectively at 11 Academy Street, Skaneateles, New York 13152, 110 Apple Blossom Drive, Arkadelphia, Arkansas 71923, 211 North Park Drive, Arkadelphia, Arkansas 71923, 311 East 13<sup>th</sup> Street, Hope, Arkansas 71801, 313 North 11<sup>th</sup> Street, Arkadelphia, Arkansas 71923, 106 Apple Blossom Drive, Arkadelphia, Arkansas 71923, 149 Heritage Drive, Bristol, Virginia 24201 and 729 Arlington Avenue, Bristol, Virginia 24201, have invented new and useful improvements in:

## SCROLL COMPRESSOR WITH AXIALLY FLOATING NON-ORBITING SCROLL AND NO SEPARATOR PLATE

which is set forth in an application in the United States executed on even date herewith:

AND WHEREAS, Scroll Technologies (hereinafter referred to as Assignee), of One Scroll Drive, Clark County Industrial Park, Arkadelphia, Arkansas 71923, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

1

PATENT REEL: 010910 FRAME: 0048

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at 5 yrecase, in the State of New York, this 14 day of June, 2000.
STATE OF NEW York ) COUNTY OF Onordaga)
COUNTY OF Chordaga
Before me personally appeared said James W. Bush and acknowledged the foregoing instrument to be their own free act and deed, this day of day of 2000.
LUANN McCORMICK  Notary Public, State of New York  Qualified in Onondage Ca. No. 4886345  My Commission Expires March 2, 3601  Notary Public
IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at, in the State of, this day of, 2000.
Carlos Zamudio
STATE OF )
COUNTY OF )
Before me personally appeared said Carlos Zamudio, and acknowledged the foregoing instrument to be his own free act and deed, this day of, 2000.
Notary Public
IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at, in the State of, this day of, 2000.
7ili Sun

IN TESTIMONY, in the State of			hand and affix my seal at	-
, m the state of	, , ,			
		Iames	s W. Bush	
STATE OF	)	Janios	5 VV. 24511	
COUNTY OF	Ś			
			ush and acknowledged the foregoing by of, 2000.	3
		Notar	ry Public	
IN TESTIMONA , in the State of	WHEREOF, I	hereunto set my l	hand and affix my seal at ARKAN	ephi
STATE OF ARKAN	(SAS)	Carlo	os Zamudio	
STATE OF ARKAN COUNTY OF CLAP	k }			
Before me pers foregoing instrument to b	onally appeare se his own free	act and deed, this	Zamudio, and acknowledged the 1st day of fune, 2000.  Ma Christine Helm ry Public	
IN TESTIMONY	らWHEREOF, I HRKAMSA3 this	hereunto set my l	hand and affix my seal at <u>AR Kade i</u> 18_, 2000.	lphi p
		7	1. 2	
		zni s	Sun	

STATE OF ARKANSAS )
COUNTY OF CLARK )
Before me personally appeared said <b>Zili Sun</b> and acknowledged the foregoing instrument to be their own free act and deed, this /sr day of June, 2000.
Clara Christine Helm/ Notary Public
IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at, in the State of, this day of, 2000.
Jason Hugenroth
STATE OF ARKANSAS) COUNTY OF CLARK)
Before me personally appeared said Jason Hugenroth and acknowledged the foregoing instrument to be their own free act and deed, this and day of June, 2000.
Clara Christine Helms Notary Public
IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at ARKADE John, in the State of HRKAMSthis 15th day of 1000.
Greg Hahn

STATE OF ARKANSOS
COUNTY OF ( )
Before me personally appeared said Greg Hahn and acknowledged the foregoing instrument to be their own free act and deed, this / 5 day of Juve, 2000.
Notary Public
IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Arkadelphia, in the State of Arkadelphia this day of June, 2000.  Thomas Barito
COUNTY OF C/ARIC)
Before me personally appeared said <b>Thomas Barito</b> and acknowledged the foregoing astrument to be their own free act and deed, this /s day of, 2000.
Olara Christian Lelms Notary Public
IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at, in the State of, this day of, 2000.
Joe T. Hill

STATE OF	)	
COUNTY OF	)	
-		said Greg Hahn and acknowledged the foregoing leed, this day of, 2000.
		Notary Public
		hereunto set my hand and affix my seal at day of, 2000.
		Thomas Barito
STATE OF	)	
COUNTY OF	ý	
		raid Thomas Barito and acknowledged the foregoing leed, this, 2000.
		Notary Public
IN TESTIMOD	NY WHEREOF, I <u>Vir GiNif</u> ), this	hereunto set my hand and affix my seal at BRISTOL 5 day of JUNE, 2000.
		Joe 7. Hill

STATE OF	)
	)
COUNTY OF	)

Before me personally appeared said Joe T. Hill and acknowledged the foregoing instrument to be their own free act and deed, this 5 day of JUNE, 2000.



Patricia S. Homey Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at BRISTO \_\_\_\_, in the State of VIRGINIA, this 5 day of JUNE, 2000.

STATE OF VIRGINIA COUNTY OF WASHINGTON)

Before me personally appeared said John R. Williams and acknowledged the foregoing instrument to be their own free act and deed, this 5 day of JUNE, 2000.



Please address all correspondence and telephone calls and, upon recordation, please return this document to:

> THEODORE W. OLDS HOWARD & HOWARD 1400 North Woodward Avenue, Suite 101 Bloomfield Hills, Michigan 48304-2856 (248) 645-1483

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**RECORDED: 06/16/2000** 

PATENT REEL: 010910 FRAME: 0054